

PROJECT DESCRIPTION

THIS PORTION OF THE PROJECT INVOLVES THE MODIFICATION OF THE EXISTING TRAFFIC CONTROL SIGNAL AT MD 7 AND INDUSTRIAL PARK ROAD IN BALTIMORE COUNTY. MD 7 IS ASSUMED TO RUN IN A EAST-WEST DIRECTION.

THE SIGNAL WILL OPERATE IN A NEMA THREE-PHASE, FULL-TRAFFIC-ACTUATED MODE, WITH MD 7 APPROACHES RUNNING CONCURRENTLY AND INDUSTRIAL PARK ROAD RUNNING ALONE.

PROJECT CONTACTS

MR. RANDALL SCOTT
ASSISTANT DISTRICT
ENGINEER - TRAFFIC
PHONE: (410) 321-2781

MR. RICHARD L. DAFF, SR.
CHIEF, TRAFFIC OPERATIONS DIVISION
PHONE: (410) 787-7630

MR. JOE McMAHON
UTILITY ENGINEER
PHONE: (410) 321-2780

THE POWER COMPANY REPRESENTATIVE IS:

BALTIMORE GAS ELECTRIC COMPANY
MR. JOSEPH G. BUNCH
INDUSTRIAL / COMMERCIAL SERVICES
NEW BUSINESS CONSTRUCTION
7317 PARKWAY DRIVE SOUTH
PHONE: (410) 859-9030

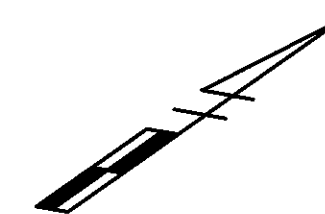
MR. PHILIP HUMBERTSON
SPECIAL PROJECTS
PHONE: (410) 321-2851

EQUIPMENT LIST "B"

B. EQUIPMENT TO BE SUPPLIED AND/OR INSTALLED BY THE CONTRACTOR:

| SPEC. SECTION. | CATEGORY CODE NO. | QUANTITY | DESCRIPTION |
|----------------|-------------------|-----------|--|
| 104 | 120500 | L.S. | MAINTENANCE OF TRAFFIC |
| 104 | 114245 | 25 L.F. | FURNISH AND INSTALL REMOVABLE PREFORMED PAVEMENT MARKING TAPE (STOP LINE) |
| 104 | 114250 | 1 EACH | FURNISH AND INSTALL REMOVABLE PREFORMED PAVEMENT MARKING ARROW |
| 205 | 203030 | 1 C.Y. | TEST PIT EXCAVATION |
| 801 | 801004 | 4.65 C.Y. | FURNISH AND INSTALL CONCRETE FOR SIGNAL FOUNDATION |
| 805 | 870160 | 350 L.F. | FURNISH AND INSTALL 2 IN. SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED |
| 805 | 805150 | 150 L.F. | FURNISH AND INSTALL 3 IN. SCHEDULE 80 RIGID PVC CONDUIT - BORED |
| 806 | 831010 | 1 EACH | FURNISH AND INSTALL 250 WATT H.P.S. LAMP AND LUMINAIRE WITH PHOTOCELL |
| 810 | 861116 | 300 L.F. | FURNISH AND INSTALL ELECTRICAL CABLE - 2-CONDUCTOR (NO 12 AWG) |
| 810 | 861107 | 25 L.F. | FURNISH AND INSTALL ELECTRICAL CABLE - 5-CONDUCTOR (NO. 14 AWG) |
| 810 | 861108 | 340 L.F. | FURNISH AND INSTALL ELECTRICAL CABLE - 7-CONDUCTOR (NO. 14 AWG) |
| 810 | 802501 | 30 L.F. | FURNISH AND INSTALL NO.6 STRANDED BARE COPPER GROUND WIRE |
| 814 | 860265 | 4 EACH | RELOCATE EXISTING SIGNAL HEAD |
| 814 | 800000 | 4 EACH | RELOCATE EXISTING SIGN ON MAST ARM |
| ----- | 800000 | L.S. | REMOVE AND DISPOSE OF EXISTING MATERIAL AND EQUIPMENT |
| 814 | 860272 | 6 EACH | FURNISH AND INSTALL 12 INCH BLACK FACE VEHICULAR TRAFFIC SIGNAL HEAD SECTION |
| 818 | 866104 | 1 EACH | FURNISH AND INSTALL 20 FT LIGHTING ARM ON SIGNAL STRUCTURE |
| 818 | 818052 | 1 EACH | FURNISH AND INSTALL 27' STEEL POLE AND 70 FT MAST ARM |
| ----- | 800000 | 1 EACH | FURNISH AND INSTALL 3" WEATHER HEAD |
| ----- | 869102 | 170 L.F. | FURNISH AND INSTALL 3/8" SPAN WIRE |
| ----- | 800000 | 1 EACH | REMOVE CLASS 2 WOOD POLE AND BACK GUYS |
| ----- | 800000 | 3 EACH | RE-AIM VIDEO DETECTION CAMERA |
| 805 | 870163 | 25 L.F. | FURNISH AND INSTALL 3 IN. SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED |

WIRING DIAGRAM



WIRING KEY

| | | | | |
|---|---|--|----|---|
| A | } | - 5-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.) | ES | - EXISTING OVERHEAD ELECTRICAL SERVICE |
| B | } | - 7-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.) | + | - EXISTING 3/4 IN. x 10 FT. GROUND ROD |
| C | } | - 2-CONDUCTOR ELECTRICAL CABLE TYPE T/C (NO. 12 A.W.G.) | | |
| D | } | - STRANDED BARE COPPER GROUND WIRE (NO. 6 A.W.G.) | | |

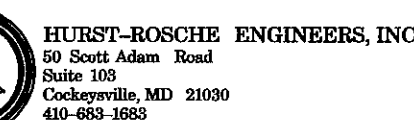
PHASE 2A
TEMPORARY TRAFFIC SIGNAL

SS-10



MD 7 (Philadelphia Road) at
Industrial Park Road

| | | | | | |
|----|-----------------------------|------------|---------------|---------------|-------------|
| 00 | DRAWN BY: <u>A. A.</u> | F.A.P. NO. | N/A | TS NO. | SHEET NO. |
| | CHECKED BY: <u>J. A. B.</u> | S.H.A. NO. | BW813-802-412 | 3561A-X1B-G11 | |
| | SCALE: 1" = 20' | COUNTY: | BALTIMORE | T.I.M.S. NO. | |
| | DATE: 9-26-95 | LOG MILE: | 03000706.62 | D770 | |
| | | | | | 206A OF 237 |



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| GEOMETRIC LEGEND | | REVISIONS | |
| — | — | | |
| EXISTING GEOMETRICS | | | |
| | | | |
| PROPOSED GEOMETRICS | | | |
| UTILITY LEGEND | | | |
| — | — | | |
| GAS MAIN | | | |
| — | — | | |
| WATER MAIN | | | |
| — | — | | |
| SEWER MAIN | | | |
| — | — | | |
| ELECTRIC CABLES | | | |
| — | — | | |
| STORM DRAIN | | | |
| — | — | | |
| AERIAL CABLES | | | |
| — | — | | |
| TELEPHONE CABLES | | | |